

## Adenosine deaminase, Recombinant

Cat. No. NATE-1009

Lot. No. (See product label)

### Introduction

**Description** Recombinant Adenosine Deaminase for advanced research on purine metabolism and enzymatic activity. Perfect for biochemistry and pharmacology studies. Creative Enzymes delivers high-purity, trusted solutions.

**Synonyms** ADA; adenosine deaminase; adenosine aminohydrolase; 9026-93-1; EC 3.5.4.4

### Product Information

**Source** E. coli

**Appearance** White powder, lyophilized

**EC Number** EC 3.5.4.4

**CAS No.** 9026-93-1

**Molecular Weight** About 43kDa (SDS-PAGE)

**Purity** > 90 %

**Activity** ~160U/mg protein

**Isoelectric point** 5.43

**pH Stability** 7.0-9.0

**Unit Definition** One unit will deaminate 1.0  $\mu$ mole of adenosine to inosine per min at pH 7.5 at 25°C.

### Storage and Shipping Information

**Storage** Redissolved in 20% glycerol, 4°C, store at -20°C for long-term preservation, Avoid multiple freeze-thaw cycles.